

SEQUENCE LISTING

<110> KUCHERLAPATI, RAJU
JAKABOVITS, AYA
BRENNER, DANIEL G.
CAPON, DANIEL J.
KLAPHOLZ, SUE

<120> HUMAN ANTIBODIES DERIVED FROM IMMUNIZED XENOMICE

<130> Cell 4.17 DIV

<140> 09/614,092

<141> 2000-07-11

<150> 08/724,752

<151> 1996-10-02

<150> 08/430,938

<151> 1995-04-27

<150> 08/234,145

<151> 1994-04-28

<150> 08/112,848

<151> 1993-08-27

<150> 08/031,801

<151> 1993-03-15

<150> 07/919,297

<151> 1992-07-24

<150> 07/610,515

<151> 1990-11-08

<150> 07/466,008

<151> 1990-01-12

<150> PCT/US96/05928

<151> 1996-04-29

<160> 21

<170> PatentIn Ver. 2.1

<210> 1

<211> 259

<212> DNA

<213> Homo sapiens

<400> 1

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ggaactggat caggcagtc ccacgcgagag gccttgagtg gctgggaagg acatactaca 120
gggtccaagt gtataatgat tatgcagtat ctgtgaaaag tcgaataacc atcaaccacg 180
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<210> 2
 <211> 400
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Heavy chain of
 the antibody secreted by clone D5.1

<400> 2
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 ggtccaagtg gtataatgat tatgcagttt ctgtgaaaag tcgaataacc atcaaccag 180
 acacatccaa gaaccagttc tccctgcagc tgaactctgt gactcccag gagacggctg 240
 tgtattactg tgcaagagat atagcagtgg ctggcgctcct ctttgactgc tggggccagg 300
 gaaccctggc caccgtctcc tcagggagtg catccgcccc aacccttttc cccctcgtct 360
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 <211> 43
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 <213> Homo sapiens

<400> 3
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<210> 4
 <211> 15
 <212> DNA
 <213> Homo sapiens

<400> 4
 tatagcagca gctgg 15

<210> 5
 <211> 77
 <212> DNA
 <213> Homo sapiens

<400> 5
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 acgagcagcg tggccgt 77

<210> 6
 <211> 302
 <212> DNA
 <213> Homo sapiens

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 atcaactgca agtccagcca gagggtttta tacagctcca acaataagaa ctacttagct 120
 tggtagcagc agaaaccagg acagcctcct aagctgctca tttactgggc atctaccgg 180
 gaatccgggg tccctgaccg attcagtggc agcgggtctg ggacagattt cactctcacc 240

atcagcagcc tgcaggctga agatgtggca gtttattact gtcagcaata ttatagtact 300
cc 302

<210> 7
<211> 442
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Light chain of
the antibody secreted by clone D5.1

<400> 7
accatcaagt gcaagtccag ccagagtgtt ttgtacactt ccagcaataa gaactactta 60
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cgggaatccg gggtcacctga ccgattcagt ggcagcgggt ctgggacaga tttcactctc 180
accatccgca gcctgcaggc tgaagatgtg gcagttttatt actgtcagca atattatact 240
attccattca atttcggccc tgggaccaga gtggatatca aacgaactgt ggctgcacca 300
tctgtcttca tcttcccgc atctgatgag cagttgaaat ctggaactgc ctctgtgtg 360
tgctgtctga ataacttcta tcccagagag gccaaagtac agtgggaagg ggataacgcc 420
ctccaatcgg gttggggaaa aa 442

<210> 8
<211> 38
<212> DNA
<213> Homo sapiens

<400> 8
attcactttc ggccctggga ccaaagtga tatcaaac 38

<210> 9
<211> 149
<212> DNA
<213> Homo sapiens

<400> 9
gaactgtggc tgcaccatct gtcttcatct tcccgccatc tgatgagcag ttgaaatctg 60
gaactgctc tggtgtgtgc ctgtgaata acttctatcc cagagaggcc aaagtacagt 120
ggaaggtgga taacgccctc caatcgggt 149

<210> 10
<211> 399
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Heavy chain
anti-IL-8 antibody D1.1

<400> 10
cctgtccctc acctgcgctg tctatgggtg gtccttcagt gggttactact ggagctggat 60
ccgccagccc ccagggaagg gactggagtg gattggggaa atcaatcaaa gtggaagcac 120
caattacaac ccgtccctca agagtcgagt catcatatca atagacacgt ccaagaccca 180
gttctccctg aagttgagct ctgtgaccgc cgcggacacg gctgtgtatt actgtgcgag 240

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agagactccc catgcttttg atatctgggg ccaagggaca atggtcaccg tctcttcagc 300
ctccaccaag ggcccatcgg tcttccccct ggcgcctgc tccaggagca cctccgagag 360
cacagcgcgc cctgggctgc ctggtcaagg actacttcc 399

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<210> 11
<211> 444
<212> DNA
<213> Artificial Sequence

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<220>
<223> Description of Artificial Sequence: Kappa light
      chain anti-IL-8 antibody D1.1

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<220>
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ctcctgatct acggtacatc ctatttggaa accgggggtcc catcaagttt cagtgggaagt 180
ggatctggga cagattttac tctcaccatc agcagcctgc agcctgaaga tgttgcaaca 240
tatttctgta acagnatgat gatctcccat acactttcgg ccctgggacc aaagtggata 300
tcaaacgaac tgtggctgca ccatctgtct tcatcttccc gccatctgat gagcagttga 360
aatctggaac tgctctgtt gtgtgcctgc tgaataactt ctatcccaga gaggccaaag 420
tacagtggaa ggtggataac gcc 444

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<210> 12
<211> 453
<212> DNA
<213> Artificial Sequence

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<220>
<223> Description of Artificial Sequence: Heavy chain
      anti-IL-8 antibody K2.2

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<220>
<221> modified_base
<222> (64)
<223> a, c, t, g, other or unknown

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<400> 12
aggtccctga gactctcctg tgcagcctct ggattcacct tcagtagcta tggcatgcac 60
tggntccgcc aggetccagg caaggggctg gagtgggtgg cagaaatata atatgatgga 120
agtaataaat actatgtaga ctccgtgaag ggccgactca ccatctccag agacaattcc 180
aagaacacgc tgtattctgca aatgaacagc ctgagagctg aggacacggc tgtgtattac 240
tgtgcgagag accgactggg gatctttgac tactggggcc agggaaccct ggtcacctgc 300
tcctcagcct ccaccaaggg ccatcgggtc ttccccctgg cgccctgctc caggagcacc 360
tccgagagca cagcgcggcc ctgggctgcc tgggtccaagg actacttccc ccgaaccggc 420
gacgggtgtc tggaactcag gcgctctgac cag 453

```

```

<210> 13
<211> 470
<212> DNA

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<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Kappa light chain anti-IL-8 antibody K2.2

<220>

<221> modified_base

<222> (6)

<223> a, c, t, g, other or unknown

<220>

<221> modified_base

<222> (460)

<223> a, c, t, g, other or unknown

<400> 13

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aagtccagcc agagtgtttt atacatctcc aacaataaaa ctacttagct tggtagcagc 120
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tccctgaccg attcagtggc agcgggtctg ggacagattt cactctcacc atcagcagcc 240
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tccgcgcatc tgatgagcag ttgaaatctg gaactgcctc tgttgtgtgc ctgctgaata 420
attctatcc cagagaggcc aaagtacagt ggaaggtggn taacgcccc 470
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<210> 14

<211> 462

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Heavy chain anti-IL-8 antibody K4.2

<400> 14

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cagcccccag ggaaggggct ggagtggatt ggggaaatca ttcacatgg aaacaccaac 120
tacaacccgt ccctcaagag tcgagtctcc atatcagttg acacgtccaa gaaccagtcc 180
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acagcgcggc cctgggctgc ctgggtcaagg actacttccc ccgaaccggg gacggtgtcg 420
tggaactcag gcgctctgac cagcggcgctg cacaccttcc ca 462
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<210> 15

<211> 437

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Kappa light chain anti-IL-8 antibody K4.2

<400> 15

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tgacccagtc tccatcctcc ctgtctgcat ctgtaggaga cagagtcacc atcacttgcc 60
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aggcgagtca ggacattagt aactatttaa attggtatca acagaaagca gggaaagccc 120
ctaaggctct gatctacgct gcatccaatt tggaagcagg ggtcccatca aggttcagtg 180
gaagtggatc tgggacagat ttacttttca ccatcagcag cctgcagcct gaagatattg 240
caacatatta ttgtcaacac tatgataatc tactcacttt cggcggaggg accaaggtag 300
agatcaaacg aactgtggct gcaccatctg tcttcacttt cccgccatct gatgagcagt 360
tgaaatctgg actgcctctg ttgtgtgcct gctgaataac ttctatccca gagaggccaa 420
agtacagtgg aaggtgg                                     437

```

```

<210> 16
<211> 477
<212> DNA
<213> Artificial Sequence

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```

<220>
<223> Description of Artificial Sequence: Heavy chain
      anti-IL-8 antibody K4.3

```

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<400> 16
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ctgataccag atacagcccg tccttccaag gccaggtcac catctcagcc gacaagtcca 180
tcagcacccg ctactgcag tggagcagcc tgaaggcctc ggacaccgcc atgtattact 240
gtgcgagaca ggacggtgac tcctttgact actggggcca gggaaccctg gtcaccgtct 300
cctcagcctc caccaagggc ccacgcgtct tccccctggc gccctgctcc aggagcacct 360
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```

```

<210> 17
<211> 410
<212> DNA
<213> Artificial Sequence

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<220>
<223> Description of Artificial Sequence: Kappa light
      chain anti-IL-8 antibody K4.3

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<223> a, c, t, g, other or unknown

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<220>
<221> modified_base
<222> (212)
<223> a, c, t, g, other or unknown

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<220>
<221> modified_base
<222> (270)
<223> a, c, t, g, other or unknown

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<220>
<221> modified_base
<222> (279)
<223> a, c, t, g, other or unknown

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 gcatccagtt tggaaagtgg ggtcccatca nggttcagtg gcagtggatc tgggacagat 180
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 agttacagta accctctcac ttctggcggn gggaccaang tggagatcaa acgaactgtg 300
 gctgcacat ctgtcttcat cttcccgcca tctgatgagc agttgaaatc tggaactgcc 360
 tctgttgtgt gcctgctgaa taacttctat cccagagagg ccaaagtaca 410

<210> 18
 <211> 24
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Primer

<400> 18
 ctctgtgaca ctctcctggg agtt 24

<210> 19
 <211> 26
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Primer

<400> 19
 gaaacgacac tcacgcagtc tccagc 26

<210> 20
 <211> 24
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Primer

<400> 20
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<210> 21
 <211> 28
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Primer

<400> 21
 gctgagggag tagagtcctg aggactgt 28